

Title (en)

SUSPENDED FRONT STEERING SYSTEM FOR MULTIPLE ROTATION CYCLES

Title (de)

GEFEDERTES VORDERLENKSYSTEM FÜR MEHRFACHUMDREHUNGS-ZWEIRÄDER

Title (fr)

SYSTEME DE DIRECTION AVANT SUSPENDUE POUR CYCLE AVEC ROTATION MULTI TOURS

Publication

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Application

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Abstract (en)

[origin: US2007272451A1] The invention relates to a suspended front steering system for multiple rotation cycles. The invention relates to the technical field concerning vehicle-steering elements and, more specifically, elements belonging to front steering systems for cycles that are used to perform acrobatic figures. The inventive steering system is of the telescopic type and comprises: a steering column (2) which is fixed to the frame (3), a sliding plunger (5) which pivots axially in the steering column, and a fork (8) which is fixed to the end of the plunger and on which the front wheel (9) of the cycle is positioned. The invention is characterised in that a guide piece (6) transmits the rotational movement from the handlebar (31) to the plunger. The invention enables the user to perform acrobatic figures with a full 360° rotation of the handlebar around the steering axis or of the cycle around the handlebar, while providing damping and braking of the front wheel.

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